

DECLARATION - USA PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled DISK CONTROLLER CONFIGURED TO PERFORM OUT OF ORDER EXECUTION OF WRITE OPERATIONS; the specification of which is attached hereto;

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Arie L. Krantz**

Inventor's signature 

Date 8/2/00

Residence: **27432 Valderas, Mission Viejo, CA 92691**

Citizenship: **United States**

Post Office Address: **Same As Above**

Full name of second inventor: **Kha Nguyen**

Inventor's signature *Kha Nguyen*

Date *8/2/2002*

Residence: **1135 North Outrigger Way, Anaheim, CA 92801**

Citizenship: **United States**

Post Office Address: **Same As Above**

Full name of third inventor: **Gregory T. Elkins**

Inventor's signature *Gregory T. Elkins*

Date *8/2/02*

Residence: **2665 North Bentley Street, Orange, CA 92867**

Citizenship: **United States**

Post Office Address: **Same As Above**

Send Correspondence To:

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Krantz, et al.
App. No.	:	UNKNOWN
Filed	:	HEREWITH
For	:	DISK CONTROLLER CONFIGURED TO PERFORM OUT OF ORDER EXECUTION OF WRITE OPERATIONS
Examiner	:	UNKNOWN

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone

App. No. : UNDWN
Filed : HEREWITH

(949) 760-0404, Customer No. 20,995, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

QLOGIC CORPORATION

Dated: 8/8/00

By: Thomas R. Anderson
Thomas R. Anderson

Title: Vice President and Chief Financial Officer

Address: 26600 Laguna Hills Drive
Aliso Viejo, CA 92656

H:\DOCS\ASF\ASF-1522.DOC\dns
072800

08/22/00

PATENT
Client Code: QLOGICP.021A
Page 1

COPY

Application No.: UNKNOWN
Filing Date: HEREWITH

ASSIGNMENT

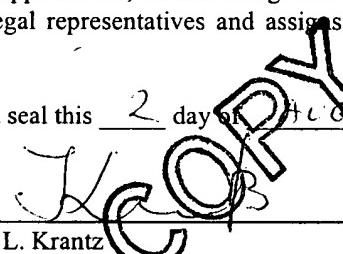
WHEREAS, We, Arie L. Krantz, a United States citizen, residing at 27432 Valderas, Mission Viejo, CA 92691, Kha Nguyen, a United States citizen, residing at 1135 North Outrigger Way, Anaheim, CA 92801, and Gregory T. Elkins, a United States citizen, residing at 2665 North Bentley Street, Orange, CA 92867, have invented certain new and useful improvements in a DISK CONTROLLER CONFIGURED TO PERFORM OUT OF ORDER EXECUTION OF WRITE OPERATIONS for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, Qlogic Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 26600 Laguna Hills Drive, Aliso Viejo, CA 92656, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of August, 2000



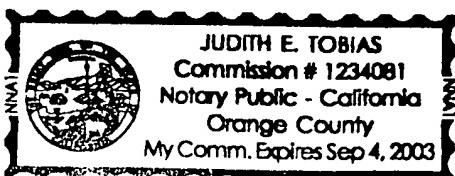
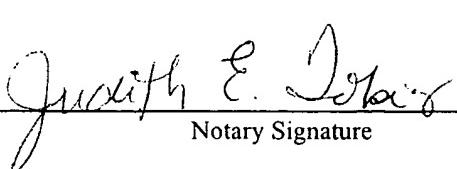
Arie L. Krantz

STATE OF California }
COUNTY OF Orange } ss.

On 8/2/00, before me, Judith E. Tobias, N.P., personally appeared Arie L. Krantz personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

Application No.: UNKNOWN
Filing Date: HEREWITH

COPY

PATENT

Client Code: QLOGICP.021A

Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of Aug, 2000.

Kha Nguyen
Kha Nguyen

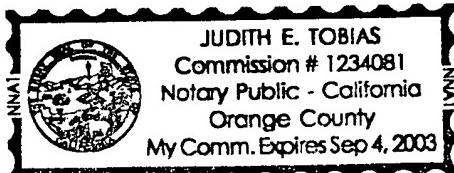
jc886 U S PTO
09/643636
08/22/00

STATE OF California }
COUNTY OF Orange } ss.

On 8/2/00, before me, Judith E. Tobias N.P., personally appeared Kha Nguyen personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Judith E. Tobias,
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1 day of Aug, 2000.

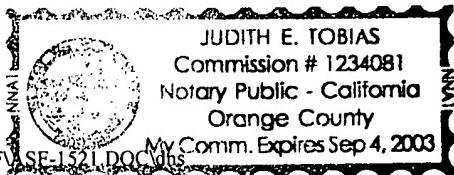
Gregory T. Elkins

STATE OF California }
COUNTY OF Orange } ss.

On 8/2/00, before me, Judith E. Tobias N.P., personally appeared Gregory T. Elkins personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



H:\DOCS\ASF\ASE-1521.DOC
072800

Judith E. Tobias
Notary Signature